

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/526,475A
Source: IFW
Date Processed by STIC: 7/10/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/526,475A

DATE: 07/10/2006
TIME: 09:44:56

Input Set : F:\JJ 5203.ST25.txt
Output Set: N:\CRF4\07102006\J526475A.raw

```

3 <110> APPLICANT: Arndt, Gregory Martin
4      Cairns, Murray
5      Tran, Nham
6      Lai, Angela
8 <120> TITLE OF INVENTION: METHODS USING dsDNA TO MEDIATE RNA INTERFERENCES (RNAI)
10 <130> FILE REFERENCE: JJ 5203
12 <140> CURRENT APPLICATION NUMBER: US 10/526,475A
13 <141> CURRENT FILING DATE: 2005-03-03
15 <150> PRIOR APPLICATION NUMBER: PCT/AU2003/001142
16 <151> PRIOR FILING DATE: 2003-09-04
18 <150> PRIOR APPLICATION NUMBER: AU 2003901481
19 <151> PRIOR FILING DATE: 2003-03-26
21 <150> PRIOR APPLICATION NUMBER: AU 2002951224
22 <151> PRIOR FILING DATE: 2002-09-04
24 <160> NUMBER OF SEQ ID NOS: 32
26 <170> SOFTWARE: PatentIn version 3.3
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 58
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Synthetic oligonucleotide
37 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
39 <222> LOCATION: (18)..(18)
40 <223> OTHER INFORMATION: u = deoxyribouridine base
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46 <210> SEQ ID NO: 2
47 <211> LENGTH: 17
48 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
51 <220> FEATURE:
52 <223> OTHER INFORMATION: Synthetic oligonucleotide
54 <400> SEQUENCE: 2
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60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Synthetic oligonucleotide
66 <400> SEQUENCE: 3

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Does Not Comply
Corrected Diskette Needed

58

17

RAW SEQUENCE LISTING

DATE: 07/10/2006
TIME: 09:44:56

PATENT APPLICATION: US/10/526,475A

Input Set : F:\JJ 5203.ST25.txt

Output Set: N:\CRF4\07102006\J526475A.raw

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67 gactccagtg gtaatctac

70 <210> SEQ ID NO: 4

71 <211> LENGTH: 21

72 <212> TYPE: DNA

73 <213> ORGANISM: Artificial Sequence

75 <220> FEATURE:

76 <223> OTHER INFORMATION: Synthetic oligonucleotide

78 <400> SEQUENCE: 4

79 gtcgagtcctc ttgaactcga c

82 <210> SEQ ID NO: 5

83 <211> LENGTH: 58

84 <212> TYPE: DNA

85 <213> ORGANISM: Artificial Sequence

87 <220> FEATURE:

88 <223> OTHER INFORMATION: Synthetic oligonucleotide

91 <220> FEATURE:

92 <221> NAME/KEY: misc_feature

93 <222> LOCATION: (18)..(18)

94 <223> OTHER INFORMATION: u = deoxyribouridine base

96 <220> FEATURE:

97 <221> NAME/KEY: misc_feature

98 <222> LOCATION: (19)..(37)

99 <223> OTHER INFORMATION: n = a, c, g, or t

101 <400> SEQUENCE: 5

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105 <210> SEQ ID NO: 6

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107 <212> TYPE: DNA

108 <213> ORGANISM: Artificial Sequence

110 <220> FEATURE:

111 <223> OTHER INFORMATION: Synthetic oligonucleotide

113 <400> SEQUENCE: 6

114 tcgaccggca agctgaccct gaagttcgct tcagggtcag cttgccgttt tt

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118 <211> LENGTH: 51

119 <212> TYPE: DNA

120 <213> ORGANISM: Artificial Sequence

122 <220> FEATURE:

123 <223> OTHER INFORMATION: Synthetic oligonucleotide

125 <400> SEQUENCE: 7

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130 <211> LENGTH: 31

131 <212> TYPE: DNA

132 <213> ORGANISM: Artificial Sequence

134 <220> FEATURE:

135 <223> OTHER INFORMATION: Synthetic oligonucleotide

137 <400> SEQUENCE: 8

138 ggcctcgag ataggaatt cgagctcggt a

21

58

52

51

31

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Input Set : F:\JJ 5203.ST25.txt
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141 <210> SEQ ID NO: 9
142 <211> LENGTH: 30
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Synthetic oligonucleotide
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154 <211> LENGTH: 45
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Synthetic oligonucleotide
161 <400> SEQUENCE: 10 45
162 tcgactcaag ttataccctt gccgatagac tgcttacatt taaat
165 <210> SEQ ID NO: 11
166 <211> LENGTH: 45
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Synthetic oligonucleotide
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177 <210> SEQ ID NO: 12
178 <211> LENGTH: 63
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Synthetic oligonucleotide
185 <400> SEQUENCE: 12 60
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188 cgc
191 <210> SEQ ID NO: 13
192 <211> LENGTH: 17
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Synthetic oligonucleotide
199 <400> SEQUENCE: 13 17
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203 <210> SEQ ID NO: 14
204 <211> LENGTH: 34
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Synthetic oligonucleotide
211 <400> SEQUENCE: 14 34
212 gcctgcagga tatttgcag tcgctatgtt ctgg

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/526,475A

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Input Set : F:\JJ 5203.ST25.txt

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215 <210> SEQ ID NO: 15
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217 <212> TYPE: DNA
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221 <223> OTHER INFORMATION: Synthetic oligonucleotide
223 <400> SEQUENCE: 15
224 gctctagaga gtggtctcat acagaactta taag
227 <210> SEQ ID NO: 16
228 <211> LENGTH: 34
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Synthetic oligonucleotide
235 <400> SEQUENCE: 16
236 tcgacaaaaa cggcaagctg accctgaagt tttt
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240 <211> LENGTH: 35
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Synthetic oligonucleotide
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248 ctcagaaaaa cttcagggtc agcttgccgt ttttg
251 <210> SEQ ID NO: 18
252 <211> LENGTH: 63
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Synthetic oligonucleotide
260 <220> FEATURE:
261 <221> NAME/KEY: misc_feature
262 <222> LOCATION: (23)..(41)
263 <223> OTHER INFORMATION: n = a, c, g, or t
265 <400> SEQUENCE: 18
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268 cgc
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 31
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Synthetic oligonucleotide
279 <400> SEQUENCE: 19
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283 <210> SEQ ID NO: 20
284 <211> LENGTH: 31
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING
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Input Set : F:\JJ 5203.ST25.txt
Output Set: N:\CRF4\07102006\J526475A.raw

288 <220> FEATURE:
289 <223> OTHER INFORMATION: Synthetic oligonucleotide
291 <400> SEQUENCE: 20 31
292 gcgctctaga ggtgtttcgt cctttccaca a
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296 <211> LENGTH: 34
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Synthetic oligonucleotide
303 <400> SEQUENCE: 21 34
304 ctagaaaaaac ttcagggtca gcttgccgtt tttg
307 <210> SEQ ID NO: 22
308 <211> LENGTH: 34
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Synthetic oligonucleotide
315 <400> SEQUENCE: 22 34
316 tcgacaaaaa gactccagt gtaatctact tttt
319 <210> SEQ ID NO: 23
320 <211> LENGTH: 34
321 <212> TYPE: DNA
322 <213> ORGANISM: Artificial Sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: Synthetic oligonucleotide
327 <400> SEQUENCE: 23 34
328 ctagaaaaag tagattacca ctggagtctt tttg
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332 <211> LENGTH: 21
333 <212> TYPE: RNA
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: Synthetic oligonucleotide
340 <220> FEATURE:
341 <221> NAME/KEY: misc_feature
342 <222> LOCATION: (20)..(21)
343 <223> OTHER INFORMATION: n = t
345 <400> SEQUENCE: 24
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349 <210> SEQ ID NO: 25
350 <211> LENGTH: 21
351 <212> TYPE: RNA
352 <213> ORGANISM: Artificial Sequence
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358 <220> FEATURE:
359 <221> NAME/KEY: misc_feature
360 <222> LOCATION: (20)..(21)

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

No "ts" are
allowed in a
RNA sequence.
P/S use "u"
instead of "t"

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/526,475A

DATE: 07/10/2006
TIME: 09:44:57

Input Set : F:\JJ 5203.ST25.txt
Output Set: N:\CRF4\07102006\J526475A.raw

Please Note:

se of n and/or Xaa have been detected in the Sequence Listing. Please review the
equence Listing to ensure that a corresponding explanation is presented in the <220>
o <223> fields of each sequence which presents at least one n or Xaa.

eq#:5; N Pos. 19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37

eq#:18; N Pos. 23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41

eq#:24; N Pos. 20,21

eq#:25; N Pos. 20,21

eq#:26; N Pos. 20,21

VERIFICATION SUMMARY

DATE: 07/10/2006

PATENT APPLICATION: US/10/526,475A

TIME: 09:44:57

Input Set : F:\JJ 5203.ST25.txt

Output Set: N:\CRF4\07102006\J526475A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:346 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0